

SECRET

Approved For Release 2003/05/14 : CIA-RDP78B05171A000600020098-5

NPIC/TSSG/DED-1731-69

25 July 69

MEMORANDUM FOR: Director, National Photographic Interpretation Center

SUBJECT : Proposed Contract with [] for
Modification and Alignment of the Stages of an []
[] Fiber-Optics Viewer (Stereo Comparator) at a
Cost of []

1. This memorandum requests approval for the commitment of funds for a contract. The specific request is stated in Paragraph 7.

2. During FY-67, several Fiber-Optics Viewers were procured from []
[] These instruments were designed for the stereo
viewing of roll film. Subsequently one of the viewers, presently in IEG, was
modified so that the instrument would be capable of measuring information
found on imagery. Peripheral digitizing equipment was added to provide an
on-line capability to the central computer and to allow visual readout of the
X and Y distances measured. However, since it was originally designed for
viewing and not mensuration, the instrument had not been assembled and aligned
in such a manner as to allow measurements to the precision desired.

3. The proposed project will determine the extent of modifications needed
on the Fiber-Optics Viewer, indicate the measuring accuracy to be expected,
and mechanically align the instrument so as to attain the expected accuracy.
Completion of the project will provide IEG with a required additional capa-
bility for the mensuration of exploitation imagery. The total time anticipated
for completion of the work is 2 months from the contract date. There is very
little technical risk involved in this project.

4. [] was the original designer and builder of
the Fiber-Optics Viewers. In response to our request, the company submitted a
technical and cost proposal which appears satisfactory to the Development and
Engineering Division. Cost for the project has been estimated to be []
[] expects that any necessary support from Center personnel and
shop facilities will be provided. The estimate does not include costs for any
major repairs or component replacement determined to be necessary during per-
formance of the contract. [] will provide appropriate estimates
if repair or replacement is found necessary. The Contracting Officer will be
requested to negotiate this contract in two phases. Phase I will determine the
extent of modifications required, general condition of the instrument, and
determine the measuring accuracy to be expected after reconditioning and
mechanical alignment. Cost of this phase is estimated to be [] Phase II
will modify and mechanically align the viewer. Cost of this phase is estimated
to be [] Work on Phase II will proceed only if the expected mensuration
accuracy for the instrument, determined during Phase I, is satisfactory to IEG.

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

SECRET

Approved For Release 2003/05/14 : CIA-RDP78B05171A000600020098-5

SUBJECT: Proposed Contract with [] for Modification
and Alignment of the Stages of an [] Fiber-Optics Viewer
(Stereos Comparator) at a Cost of []

25X1
25X1

5. The proposed project is in response to the stated need by IES for
gaining additional mensuration capability by means of a digitized Fiber Optics
Viewer.

25X1

25X1

7. It is requested that approval be granted to negotiate with []
[] a contract to conduct the program described at a cost not to

25X1

[]
Chief, Technical Services & Support Group,
NPIC

25X1

CONCUR:

[]
Chief, Imagery Exploitation Group,
NPIC

Date

25X1

APPROVAL:

[]
Captain, USN
Acting Director, NPIC

Date

25X1

Distribution:

Orig - NPIC/TSSG/OAPS (After approval)

1 - NPIC/ODIR

1 - NPIC/IES

1 - NPIC/TSSG

1 - NPIC/TSSG/DED

NPIC/TSSG/DED [] 29 July 69)

25X1

Approved For Release 2003/05/14 : CIA-RDP78B05171A000600020098-5

SECRET